

ASX Release

1 March 2010

ASX Code: PTR

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PETRATHERM LIMITED
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Paralana Joint Venture Project Update

Temperature measurement confirms expectations

Petratherm and its joint venture partners Beach Energy and TRUenergy Geothermal are very pleased to advise that temperature logs have been taken over the lower cased hole section of the Paralana 2 well.

The temperature measurements were taken more than 10 weeks after circulation of the well ceased, allowing enough time for the bottom section of the well (>2500 metres depth) to be close to thermal equilibrium.

The temperature measured at 3,674 metres using a continuous logging tool was 173°C, whilst a separate maximum temperature logging tool measured a temperature of 176°C at a depth of 3,672 metres.

Based on the temperature logging data, the extrapolated Paralana 2 bottom hole temperature is between 185°C and 191°C at a depth of 4000 metres.

This significantly exceeds the minimum temperature of 170°C at 4000 metres targeted for the economic development of the Paralana resource.

Fracture stimulation program planned for late April

The fracture stimulation program is planned to commence in late April 2010. This important phase of work will determine the potential for reservoir creation. The program will involve the creation of fractures, the location of which will be determined by analysis of data from a passive seismic array that will record micro-seismicity associated with fracture formation.

A second round of community consultation is planned to be undertaken in the region prior to the fracture stimulation program.

Yours faithfully,



Terry Kallis
Managing Director

Temperature logging was conducted by independent contractors Baker Hughes under the supervision of Beach Energy.

The information in this release relating to geothermal exploration results and geothermal resources is based on information compiled by P.W. Reid, a full time Petratherm employee. Mr. Reid has sufficient experience in the style of geothermal play under consideration to qualify as a Competent Person under the Australian Code for Reporting of Exploration Results, Geothermal Resources and Reserves (2008 edition). Mr. Reid consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

ABOUT THE JOINT VENTURE PARTNERS:

Beach Energy (ASX: BPT) is an oil and gas company headquartered in Adelaide that farmed-in to the Paralana Project in January 2007. Beach can earn up to 36% of the project for \$30 million plus its equity share of project costs.

TRUenergy Geothermal is a wholly owned subsidiary of the CLP group, one of the largest publicly-listed power businesses in Asia Pacific. TRUenergy Geothermal farmed-in to the Paralana project in August 2008. TRUenergy Geothermal can earn up to 30% of the project for \$57 million.

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